ATTACHMENT C

This attachment provides an update to the "Detailed Site Information" section originally introduced as part of the network plan template that was released with 2007 network plan memo. Two major updates have been made to this section from the previous 2007 version:

1) clarification of appropriate units to report for each row, and

2) the addition/clarification for each of the following-

- *POC was added.*
- *parameter code was added.*
- *"basic monitoring objective" replaced "Monitor Obj" from the previous version and was defined.*
- *site type was added and defined.*
- *monitor type was added and defined.*
- *"Instrument manufacturer and model" and "method code" were added to replace the "sampling method" and "analysis method" from the previous version.*
- *FRM/FEM/ARM/other was added.*
- *Collecting Agency was added.*
- *Analytical Lab was added.*
- *Reporting Agency was added.*
- *"Current sampling frequency" replaced "Operation schedule" from the previous version.*
- *Calculated sampling frequency was added.*

This attachment displays a suggested table format for agencies to use to report in their annual monitoring network plan all of the detailed site and monitor specific information for each of the stations in their monitoring network (as required per 40 CFR Part 58.10).

Site Name

[Give a broad overview of the site and rationale for its location. Include a description of site and purpose of monitoring for each pollutant. A photograph of the site is encouraged but not required.]

Local site name	*Sample Site*	
AQS ID (XX-XXX-XXXX)	*12-345-6789*	
GPS coordinates (decimal degrees)	*37.785381, 122.398047*	
Street Address	*75 Hawthorne Street, San Francisco, CA 94105*	
County	*San Francisco*	
Distance to roadways (meters)	*36*	
Traffic count (AADT, year)	*15,000 (2010)*	
Groundcover (e.g. asphalt, dirt, sand)	*Asphalt*	
Representative statistical area name (i.e. MSA, CBSA, other)	*SAN FRANCISCO-OAKLAND-FREMONT Metro Area*	
Pollutant, POC	*Ozone, 1*	*$PM_{2.5}$, 3*
Parameter code[1]	*44201*	*88101*
Basic monitoring objective(s)[2]	*NAAQS*	*NAAQS, research*
Site type(s)[3]	*MAX OZONE*	*QUALITY ASSURANCE*
Monitor type(s)[4]	*SLAMS/PAMS*	*QA COLLOCATED*
Instrument manufacturer and model	*2B Technologies 202*	*Andersen RAAS2.5-200*
Method code[5]	*190*	*128*
FRM/FEM/ARM/other	*FEM*	*FRM*
Collecting Agency	*Name of agency*	*Name of agency*
Analytical Lab (i.e. weigh lab, toxics lab, other)	*N/A*	*Name of weigh lab*
Reporting Agency	*Name of agency*	*Name of agency*
Spatial scale (e.g. micro, neighborhood)[6]	*Urban*	*Neighborhood*
Monitoring start date (MM/DD/YYYY)	*01/01/2006*	*01/01/1999*
Current sampling frequency (e.g. 1:3, continuous)	*continuous*	*1:3*
Calculated sampling frequency[7] (e.g. 1:3/1:1)	*N/A*	*1:1/1:3*
Sampling season (MM/DD-MM/DD)	*01/01-12/31*	*01/01-12/31*
Probe height (meters)	*5.3*	*5.2*
Distance from supporting structure (meters)	*2.2*	*2.1*
Distance from obstructions on roof (meters)	*N/A*	*N/A*

Distance from obstructions not on roof (meters)	*25*	*29*
Distance from trees (meters)	*35*	*39*
Distance to furnace or incinerator flue (meters)	*13*	*15*
Distance between collocated monitors (meters)	*N/A*	*3*
Unrestricted airflow (degrees)	*360*	*360*
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	*Teflon*	*N/A*
Residence time for reactive gases (seconds)	*6*	*N/A*
Will there be changes within the next 18 months? (Y/N)	*N*	*Y*
Is it suitable for comparison against the annual PM2.5? (Y/N)	*N/A*	*Y*
Frequency of flow rate verification for manual PM samplers [8]	*N/A*	*monthly*
Frequency of flow rate verification for automated PM analyzers [8]	*N/A*	*N/A*
Frequency of one-point QC check for gaseous instruments [8]	*bi-weekly*	*N/A*
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	*02/28/2012*	*N/A*
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	*N/A*	*07/12/2011; 01/15/2012*

[1] Parameter codes may be found at http://www.epa.gov/ttn/airs/airsaqs/manuals/codedescs.htm

[2] Monitoring objectives: public info, NAAQS comparison, research.

[3] Site types: extreme downwind, highest conc., max ozone conc., max precursor impact, population exposure, source oriented, upwind background, general/background, regional transport, welfare-related impacts, quality assurance, other.

[4] Monitor types: IMPROVE, index site, industrial, NATTS, NCORE, non-EPA Federal, PAMS, proposed NCORE, QA Collocated, SLAMS, special purpose, supplemental speciation, trends speciation, tribal monitors, unofficial PAMS.

[5] Method codes may be found at http://www.epa.gov/ttn/airs/airsaqs/manuals/codedescs.htm

[6] Spatial scales: micro, middle, neighborhood, urban, regional, national, global. See Table D-1 of 40 CFR part 58 App. D for appropriate siting scales for various site types.

[7] If exceptional events are relevant, include sampling frequency with exceptional events included and excluded.

[8] e.g. weekly, bi-weekly, monthly, etc.